

Keyence IL-1050

Model: IL-1050

Brand: Keyence

Series: IL series

Multi-function analog laser sensor amplifier unit, DIN-rail mount, expansion unit (no analog output).

— Hardware —

Type: CMOS multi-function analog laser sensor amplifier unit

Mounting: DIN-rail mount, Expansion unit

Head compatibility: All IL series sensor heads

Display: 6-digit; minimum displayable unit 1 μm (IL-S025/IL-030), 2 μm (IL-S065/IL-065/IL-100), 10 μm (IL-300), 50 μm (IL-600)

Display rate: Approx. 10 times/sec

— Communication —

Built-in ports: None

Protocols: None

Communication expansion: Via optional IL series communication units (sold separately)

— Electrical —

Supply voltage: 10 to 30 VDC, ripple (P-P) 10% included, Class 2

Power consumption: 2000 mW or less (67 mA or less at 30 V)

Output type: Judgment output open collector (NPN/PNP changeover, N.O./N.C. changeover); alarm output open collector (NPN/PNP changeover, N.C.)

Analog output: None (expansion unit)

— Environmental —

Operating temperature: -10 to +50 °C (No condensation or freezing)

Storage temperature: Not available

Relative humidity: 35 to 85 % RH (No condensation)

Protection rating: Not available

— Physical —

Dimensions (H × W × D): Not available

Weight: Approx. 140 g (including attachments)

— Lifecycle —

You can contact us through the following contact information

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Active; official Keyence production status confirmed via product/spec page (Last verified: 2026-09)



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